



**GREER
SYSTEMS**

AS600 Gas Detector

with VeriCheck Status LEDs

Software Version 45-15

- ***Electrochemical***
- ***Linear 4-20mA output proportional to gas concentration***
- ***2 Year Estimated, gas specific sensors***
- ***Factory configured for specific PPM ranges***
- ***Good Selection for Coastal Regions, High Humidity and Wash down applications***
- ***Visual VeriCheck LEDs showing detector information***
- ***NEMA 4/4X UV stable Enclosures***
- ***Low Voltage 12-24VAC/DC powered***
- ***+17F to +120F operating range (-40F available)***
- ***Temperature Compensated Components***
- ***Optional Dual Contact Closure Output 0-100% trip point***



Description

The AS600 Series of detector products are industrial quality, stationary, atmospheric gas sensor transmitters, offering a low cost and effective way to detect Ammonia and a variety of additional gases in accordance with industry standards, The AS600 series are available in a number of configurations, allowing you to choose the correct model for your monitoring and alarm needs. Each model provides the features listed above, Ammonia detectors are offered in any PPM range to 100 as standard, optional Dual Contact Closure offers two form C contacts with 0-100% trip points based on your PPM range.

The AS600 series detector is housed in a NEMA 4/4X non-metallic enclosure, when using outdoors please specify a PC enclosure (UV Stable) no additional cost. Detector information stating type of sensor, range and production date are marked on the lexan sticker, with the VeriCheck LED status, this allows complete product information and detector state in one location without having to open the enclosure. The lid mounting screws are designed for security seals, allowing the user or calibrating technician to seal the enclosure against unauthorized access.

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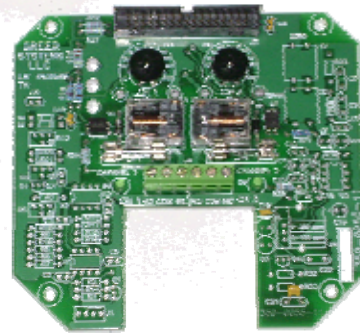
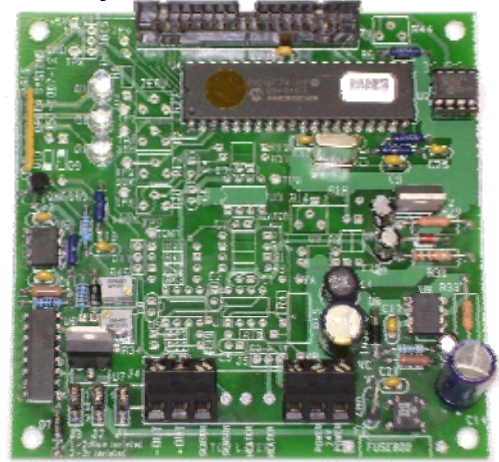
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AS600 Gas Detector

Specifications

- **Dimension 5"x5"x3" depth**
- **NEMA 4/4X Non-Metallic Enclosure**
- **Estimated weight 1 pound**
- **Sensor Type, Electrochemical**
- **Estimated Life 2 years continuous operation**
- **Power Consumption Less Than 200mw**
- **Immediate Reaction to Target Gas - Full Response Less Than 90 seconds**
- **+17F to +120F Operating Range (-40F available) 20-95%RH**
- **Power, Sensor Fault, mA output value, meets ISA Sequence A Indicator requirements**
- **Isolated/non-isolated output selectable**
- **1 AMP fuse for wiring protection**
- **Expansion Slot for Contact Closure option**
- **Test Points for Easy Calibration**
- **Microprocessor Based Circuit**

Software Version 45-15



Optional Contact Closure

Greer Systems Automation manufactures circuits of many types, all are made in the U.S.A. by qualified technicians meeting industry standards, as with smoke detectors it is recommended to test and calibrate if necessary every six months, test gas is economical and is supplied in disposable/recyclable cylinders, we extend the OEM warranty on selected sensors to our clients as with the disclaimer that the device is not certified as a critical component or life saving device whereas a fault or malfunction will result in endangering or threat of life, and our liability is limited to replacement or repair of the device only, when used as designed, your detector will operate accurately and reliability for many years. Detectors are power and tested for several days prior to ship, we do not reuse or resell any installed product and therefore have a limited return policy.

Changing Your Sensor every year will prevent a Calibration from being required, the unit will retain factory settings.

All Greer Systems products are shipped calibrated and ready for use as advertised.

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